DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Weather Division



TROPICAL CYCLONE BULLETIN NO. 2 Tropical Depression "FLORITA"

Issued at 5:00 PM, 21 August 2022

Valid for broadcast until the next bulletin at 11:00 PM today

FLORITA SLIGHTLY INTENSIFIES WHILE MOVING WEST SOUTHWESTWARD OVER THE PHILIPPINE SEA EAST OF CAGAYAN

Location of Center (4:00 PM)

The center of Tropical Depression "FLORITA" was estimated based on all available data at **540 km East** of Tuguegarao City, Cagayan (17.1°N, 126.8°E)

Intensity

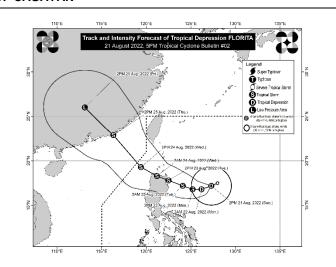
Maximum sustained winds of 55 km/h near the center, gustiness of up to 70 km/h, and central pressure of 1000 hPa

Present Movement

West Southwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to $250\ km$ from the center



TRACK AND INTENSITY FORECAST

	Center Position				nsity	Movement
Date and Time	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast 2:00 AM 22 August 2022	16.8	126.2	480 km East of Tuguegarao City, Cagayan or 440 km East of Casiguran, Aurora	55	TD	WSW 10
24-Hour Forecast 2:00 PM 22 August 2022	16.8	125.2	380 km East Southeast of Tuguegarao City, Cagayan or 335 km East of Casiguran, Aurora	65	TS	W 10
36-Hour Forecast 2:00 AM 23 August 2022	17.2	124.1	255 km East of Tuguegarao City, Cagayan	75	TS	WNW 10
48-Hour Forecast 2:00 PM 23 August 2022	17.8	122.5	Over the coastal waters of Peñablanca, Cagayan	75	TS	WNW 15
60-Hour Forecast 2:00 AM 24 August 2022	18.3	121.2	In the vicinity of Luna, Apayao	65	TS	WNW 10
72-Hour Forecast 2:00 PM 24 August 2022	19.3	119.4	215 km West of Calayan, Cagayan	65	TS	WNW 20
96-Hour Forecast 2:00 PM 25 August 2022	22.9	116.3	620 km West Northwest of Itbayat, Batanes (outside the PAR)	65	TS	NW 20
120-Hour Forecast 2:00 PM 26 August 2022	26.0	113.1	1,065 km Northwest of Extreme Northern Luzon (outside the PAR)	-	LOW	NW 20

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TCWS No.	Luzon	Visayas	Mindanao
	The northern portion of		
	Aurora (Dilasag), the eastern		
1	portion of Isabela (Dinapigue,		
	Palanan, Divilacan,		
(Strong winds	Maconacon, San Pablo,	-	-
prevailing or	Cabagan, Tumauini, Ilagan		
expected	City, San Mariano), and the		
within the next 36 hours)	eastern portion of Cagayan		
	(Peñablanca, Baggao)		

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- Tomorrow early morning through afternoon, light to moderate with at times heavy rains may prevail over Cagayan, Isabela, Batanes, and Aurora.
- By tomorrow evening through Tuesday evening, heavy to intense with at times torrential rains over Batanes, Cagayan, Isabela, Cordillera Administrative Region, and Ilocos Region. Light to moderate with at times heavy rains over Central Luzon and the rest of Cagayan Valley.
- Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are expected especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

Severe Winds

- Strong winds (strong breeze to near gale conditions) will be experienced within any of the areas where Wind Signal no. 1 is currently in effect.
- Areas under TCWS will be expanded in succeeding bulletins, while the hoisted wind signals in some localities of the
 country will be upgraded as "FLORITA" moves closer. Hoisting of TCWS #2 is likely in the localities situated in the
 eastern section of Northern Luzon as early as tomorrow morning.

HAZARDS AFFECTING COASTAL WATERS

In the next 24 hours, the tropical depression will bring moderate to rough seas (1.2 to 2.8 m) over the eastern seaboards of Luzon. These conditions may be risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

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TRACK AND INTENSITY OUTLOOK

- Tropical Depression "FLORITA" will continue moving generally west southwestward in the next 12 hours before
 turning westward tomorrow morning, then west northwestward by Tuesday towards Northern Luzon. On the forecast
 track, the center of this tropical cyclone is forecast to make landfall in the vicinity of Cagayan or northern portion of
 Isabela on Tuesday morning or afternoon. Afterwards, the center of "FLORITA" will move west northwestward and
 cross several provinces in Northern Luzon before emerging over the West Philippine Sea by Wednesday early
 morning.
- "FLORITA" is forecast to reach tropical storm category tomorrow morning or afternoon and may reach peak intensity
 of 75 km/h prior to making landfall on Tuesday morning or afternoon. Slight weakening is likely as it crosses the
 Northern Luzon, but it is forecast to remain within the tropical storm category.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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